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ASSISTANT COMMISSIONER FOR PATENTS
BOX PATENT APPLICATION
Washington, D.C. 20231

Sir:
Transmitted herewith for filing under 37 CFR 1.53(b) is the
[X] patent application of
[] continuation patent application of
[] divisional patent application of
[] continuation-in-part patent application of

Attorney Docket No. 80-404100US
Client Ref No. E-099-99/1
"Express Mail" Label No. EK470925030US
Date of Deposit: December 8, 2000

I hereby certify that this is being deposited with the United States
Postal Service "Express Mail Post Office to Addressee" service
under 37 CFR 1.10 on the date indicated above, addressed to:

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

By:

Inventor(s)/Applicant Identifier: Brian R. Murphy, Peter L. Collins, Alexander C. Schmidt, Anna P. Durbin, Mario H. Skiadopoulos, and Tao Tao

For: USE OF RECOMBINANT PARAINFLUENZA VIRUSES (PIVS) AS VECTORS TO PROTECT AGAINST INFECTION
AND DISEASE CAUSED BY PIV AND OTHER HUMAN PATHOGENS

[X] This application claims priority from each of the following Application Nos./filing dates:
60/170,195 filed December 10, 1999 the disclosure of which is incorporated by reference.
Please amend this application by adding the following before the first sentence: "This application is a [] continuation [] continuation-in-part of and claims the benefit of U.S. Provisional Application No. 60/_____, filed _____, the disclosure of which is incorporated by reference."

Enclosed are:

[X] 222 page(s) of specification
[X] 23 page(s) of claims
[X] 1 page of Abstract
[X] 24 sheet(s) of [] formal [X] informal drawing(s).
[X] 35 page(s) of Sequence Listing
[X] ASCII Computer Disk Sequence. Pursuant to 37 CFR 1.821(f) and (g), it is believed that the content of the paper sequence listing and the computer readable sequence listing are the same.

| | (Col. 1) | (Col. 2) |
|--|-----------|-----------|
| FOR: | NO. FILED | NO. EXTRA |
| BASIC FEE | | |
| TOTAL CLAIMS | 179 - 20 | = 159 |
| INDEP. CLAIMS | 8 - 3 | = 5 |
| [] MULTIPLE DEPENDENT CLAIM PRESENTED | | |

* If the difference in Col. 1 is less than 0, enter "0" in Col. 2.

SMALL ENTITY

| RATE | FEE |
|--------------|----------|
| | \$355.00 |
| x \$9.00 = | |
| x \$40.00 = | |
| + \$135.00 = | |
| TOTAL | |

OTHER THAN SMALL ENTITY

| RATE | FEE |
|--------------|------------|
| | \$710.00 |
| x \$18.00 = | \$2,862.00 |
| x \$80.00 = | \$400.00 |
| + \$270.00 = | |
| TOTAL | \$3,972.00 |

Please charge Deposit Account No. 20-1430 as follows:

[X] Filing fee
[X] Any additional fees associated with this paper or during the pendency of this application.
[] The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b)

[] A check for \$_____ is enclosed.
2 extra copies of this sheet are enclosed.

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Respectfully submitted,
TOWNSEND and TOWNSEND and CREW LLP

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